Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 18 Oct 2021 until 23:59 on Tuesday 19 Oct 2021

Forecast Issued on Sunday 17 Oct 2021 at 12:13

Confidence: High for a series of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

Headline for Monday 18 Oct 2021: Best brighter spells during the morning. Increasing chance of rain and drizzle from afternoon.

Mountain weather hazards on Monday 18 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Cloudy	Light rain	Light rain	Light rain
Precipitation probability							
20%	10%	10%	10%	20%	30%	80%	80%

Forecast for Monday 18 Oct 2021

Weather: Rather cloudy overnight, but mainly dry. Most staying dry through the morning with some brighter spells appearing. Gradually cloud thickening and lowering for the afternoon bringing periods of light rain and drizzle. Remaining dull with patchy rain and drizzle during the evening.

Chance of cloud free mountain/hill tops above 600m: Initially 80% becoming 20% later.

Visibility: Good becoming moderate or poor in rain and drizzle, very poor in hill fog which will be focused later in the day as bases become quite extensive from 450-600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 18 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/19 S	12/17 S	15/23 S	20/30 S	20/29 S	21/30 S	19/28 S	18/27 SW	15/22 SW
300	7/14 S	8/15 S	11/19 S	15/25 S	16/25 S	16/24 S	14/22 S	11/19 S	10/17 SW
Valley	5/14 S	4/10 SE	6/15 SE	8/20 SE	10/22 S	10/22 S	9/22 S	8/18 S	6/15 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	11/8	10/7	11/7	11/8	12/8	12/9	12/9	12/9
300	12/11	12/10	11/8	11/8	13/10	14/11	14/12	14/12	14/12
Valley	12/12	11/11	10/9	12/10	14/12	14/13	15/13	14/13	14/13
Freezing Level*	2500m	2600m	2800m	2900m	3100m	3100m	2800m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some difficult navigation later in the day with quite extensive hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 17 Oct 2021	6.8mm	6.8mm	12.4mm

Forecast for Tuesday 19 Oct 2021

Weather: Predominantly cloudy with showers or longer periods of rain, which may turn heavy at times, chiefly later in the day. However also some limited brighter interludes may develop.

Maximum wind: South to Southwest increasing 20-25mph from mid-morning, with gusts 35mph over most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 25%

Visibility: Moderate or poor in rain or showers, very poor in hill fog with bases quite extensive from 450-600m.

Temperature: **Valleys:** Plus 8 Celsius increasing 19 Celsius during the afternoon
At 600m: Plus 13 Celsius
Freezing level: Above all summits

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